

ASTM Bulletin—1954

Index to Authors of Technical Papers

- A**
- Anson, J. H.
See Goldie, C. H., Wright, K. A., Anson, J. H., Cloud, R. W., and Trump, J. G.
- Antleman, Marvin
A Four Piece Steamer, No. 197, Apr., p. 66 (TP94).
- B**
- Bean, Leonard, and Hackney, Ethel J.
A Study of Some Operations Involved in Cement Analysis, No. 197, Apr., p. 43 (TP71).
- Bean, Leonard, and Tucker, Nancy J.
A Note on the Oxyquinolate Determination of Magnesium Oxide in Cement, No. 201, Oct., p. 62 (TP224).
- Beard, L. C., Jr.
"Plain Talk" (President's Address), No. 199, July, p. 59 (TP137).
Something Has Been Added, No. 198, May, p. 51 (TP97).
- Beardsley, C. W.
See Whiteneck, L. L., Beardsley, C. W., and Wakeman, C. M.
- Beatty, G. H.
See Snyder, M. J., Lortscher, L. L., and Beatty, G. H.
- Beck, F. H., Greene, N. D., Jr., and Fontana, M. G.
Electrolytic Etching in Oxalic Acid Used to Screen Cast CF-8 and CF-8M Stainless Steels from the 240-hr Nitric Acid Test, No. 195, Jan., p. 68 (TP30).
- Berger, Carl
The Evaluation of Chemical De-icing Solutions, No. 197, Apr., p. 67 (TP95).
- Bickling, Charles A.
Observations on the Application of Statistical Techniques to ASTM Standards, No. 200, Sept., p. 48 (TP174).
- Brightwell, E. P.
An Instrument for Measuring the Chip Resistance of Paints, No. 200, Sept., p. 53 (TP179).
- Burns, Robert
A New Impact Machine for Plastics and Insulating Materials, No. 195, Jan., p. 61 (TP23).
- C**
- Chang, Chiao-Lin
See Romualdi, James P., Chang, Chiao-Lin, and Peck, Charles F., Jr.
- Cloud, R. W.
See Goldie, C. H., Wright, K. A., Anson, J. H., Cloud, R. W., and Trump, J. G.
- Cogliano, Joseph A.
See Jessup, Ralph S., and Coglian, Joseph A.
- Conant, F. S.
A Study of Stiffness Testing of Elastomers at Low Temperatures, No. 199, July, p. 67 (TP145).
- Cook, E. G., and VanValkenburg, H. E.
Surface Waves at Ultrasonic Frequencies, No. 198, May, p. 81 (TP127).
- Criscuolo, E. L.
See O'Connor, D. T., and Criscuolo, E. L.
- Criscuolo, E. L., and O'Connor, D. T.
Flash X-Ray Studies of Fuze Performance. Published in special reprint only.
- D**
- Davieau, L. A.
See Dickson, J. B., and Davieau, L. A.
- Davis, Rees B.
See Gould, Wilbur A., Davis, Rees B., and Mavis, James O.
- Decker, George E.
Note on the Adjustment of Mooney Viscometer Die Closure, No. 195, Jan., p. 51 (TP13).
- Decker, George E., and Stiehler, Robert D.
Temperature Measurements in the Mooney Viscometer, No. 195, Jan., p. 45 (TP7).
- Diaz, R. B., Paitchel, H., and Woodhead, J. A.
Need for a Standardized Procedure for Measuring Reflectance of Detergency Fabrics, No. 202, Dec., p. 56 (TP242).
- Dickson, J. B., and Davieau, L. A.
Impact Tester for Textiles, No. 198, May, p. 85 (TP131).
- Donahue, R. W.
Correlation of Induction Tests with Motor Fuel Stability, No. 200, Sept., p. 61 (TP187).
- Dowdell, Ralph L., and Mackay, William B. F.
Tension Specimens Made by Photoengraving Technique, No. 201, Oct., p. 65 (TP227).
- E**
- Eney, W. J.
See Roesli, A., Loewer, A. C., and Eney, W. J.
- Ericksen, W. S.
Analysis of Stresses Induced by a Sandwich Proof Tester, No. 199, July, p. 80 (TP158).
- F**
- Field, Robert F.
Errors Occurring in the Measurement of Dielectric Constant, No. 201, Oct., p. 30.
- Fontana, M. G.
See Beck, F. H., Greene, N. D., Jr., and Fontana, M. G.
- G**
- Goldie, C. H., Wright, K. A., Anson, J. H., Cloud, R. W., and Trump, J. G.
Radiographic Properties of X-rays in the Two- to Six-Million-Volt Range, No. 201, Oct., p. 49 (TP211).
- Gould, Wilbur A., Davis, Rees B., and Mavis, James O.
Color Grading Agricultural Products—Symposium on Color of Transparent and Translucent Products, No. 202, Dec., p. 61 (TP247).
- Greene, N. D., Jr.
See Beck, F. H., Greene, N. D., Jr., and Fontana, M. G.
- Griffis, C. B.
See Sinclair, James J., and Griffis, C. B.
- H**
- Hackney, Ethel J.
See Bean, Leonard, and Hackney, Ethel J.
- Hafemeister, Robert N.
The Ultrasonic Testing of Forging Ingots, No. 197, Apr., p. 52 (TP80).
- Hamer, J. P., Tutwiler, T. S., and Weisel, C. A.
Lubricating Oil Requirements of the Modern Automotive Engine—Symposium on Engine Lubrication, No. 198, May, p. 70 (TP116).
- Hammond, Harry K. III
See Newman, Sanford B., Hammond, Harry K. III, and Riddell, Helen F.
- Hancock, H. M., and Watt, J. J.
The Determination of the Color of Petroleum Products—Symposium on Color of Transparent and Translucent Products, No. 201, Oct., p. 31 (TP193).
- Hepenstal, Roger F.
Housekeeping for Defense, No. 200, Sept., p. 19.
- I**
- Ingle, George W.
A Color Space for Color Grading Purposes—Symposium on Color of Transparent and Translucent Products, No. 201, Oct., p. 36 (TP198).
- J**
- Jackson, G. W., and Luce, W. A.
Screening Cast Stainless Steels by Electrolytic Etching in Oxalic Acid, No. 195, Jan., p. 71 (TP33).
- Jessup, Ralph S., and Coglian, Joseph A.
Relation Between Net Heat of Combustion and Aniline-Gravity Product of Aircraft Fuels, No. 201, Oct., p. 55 (TP217).
- Judd, Deane B.
Introduction—Symposium on Color of Transparent and Translucent Products, No. 201, Oct., p. 31 (TP193).
Summary—Symposium on Color of Transparent and Translucent Products, No. 202, Dec., p. 72 (TP258).
- Junge, Charles H.
Wear in Bearings—Symposium on Engine Lubrication, No. 198, May, p. 64 (TP110).
- Juve, A. E., and Schoch, M. G., Jr.
The Effect of Temperature on the Air Aging of Rubber Vulcanizates, No. 195, Jan., p. 54 (TP16).
- K**
- Keeney, Mark
Color in Dairy Products—Symposium on Color of Transparent and Translucent Products, No. 202, Dec., p. 70 (TP256).
- Kiguchi, S. T.
See Myers, H. S., and Kiguchi, S. T.
- Klute, C. H., and McKee, L. B.
Plastics Testing at High and Low Temperatures, No. 202, Dec., p. 50 (TP236).
- Kobliska, J. J., and Rodenberger, H. J.
Mechanical Wet Sieve Testing Method, No. 200, Sept., p. 46 (TP172).
- Krenchel, H.
Treatment of Tension Test Specimens for Fixing in Testing Machine, No. 200, Sept., p. 44 (TP170).
- L**
- Labbe, B. G.
A Study of Hardness Testing of Elastomers at Low Temperatures, No. 199, July, p. 73 (TP151).
- LaTour, Harry, and Sutton, R. S.
Improved Scale System for Stiffness Testing Machine, No. 196, Feb., p. 40 (TP48).
- Loewer, A. C.
See Roesli, A., Loewer, A. C., and Eney, W. J.
- Lortscher, L. L.
See Snyder, M. J., Lortscher, L. L., and Beatty, G. H.
- Luce, W. A.
See Jackson, G. W., and Luce, W. A.
- M**
- Mavis, James O.
See Gould, Wilbur A., Davis, Rees B., and Mavis, James O.
- Mackay, William B. F.
See Dowdell, Ralph L., and Mackay, William B. F.
- McGinnis, R. A.
Color Measurement and Control in the Sugar Industry—Symposium on Color of Transparent and Translucent Products, No. 201, Oct., p. 42 (TP204).
- McKee, L. B.
See Klute, C. H., and McKee, L. B.
- Modine, N., and O'Connor, D. T.
Radiographic-Micrographic Examination of Aluminum Resistance Weld. Published in special reprint only.
- Mougey, H. C.
Engine Wear as Affected by Lubricant Composition—Symposium on Engine Lubrication, No. 198, May, p. 57 (TP103).
- Muhlenbruch, Carl W.
A Tension Impact Test for Sheet Metals, No. 196, Feb., p. 43 (TP51).
- Myers, H. S., and Kiguchi, S. T.
An Apparatus for Making ASTM-Type Vacuum Distillations, No. 195, Jan., p. 39 (TP1).
- Myers, W. R.
Analysis for Molybdenum-Bearing Austenitic Stainless Steel Proposed for Experimental Use in Chemical and Process Industries, No. 201, Oct., p. 28.

N

- Newman, Sanford B., Hammond, Harry K., III, and Riddell, Helen F.
Becker Value of Manila Rope by Photoelectric Reflectometry, No. 199, July, p. 84 (TP162).
- Norén, Bengt
Relation Between Compressive Strength and Rate of Deformation in Testing Swedish Fir, No. 202, Dec., p. 43 (TP229).
- Norris, H. B.
The Correlation of the Betatron with Other Forms of Non-Destructive Testing, No. 197, Apr., p. 56 (TP84).

O

- O'Connor, D. T.
See Criscuolo, E. L., and O'Connor, D. T.
See Modine, N., and O'Connor, D. T.
See Polansky, D., and O'Connor, D. T.
- O'Connor, D. T., and Criscuolo, E. L.
Radiographic-Performance Correlation in Ordnance Design and Evaluation. Published in special reprint only.

P

- Paitchel, H.
See Diaz, R. B., Paitchel, H., and Woodhead, J. A.
- Peck, Charles F., Jr.
See Romualdi, James P., Chang, Chiao-Lin, and Peck, Charles F., Jr.
- Polansky, D., and O'Connor, D. T.
The Reliability of Fluoroscopic Inspection of Extruded Propellant. Published in special reprint only.
- Power, William R.
The Invalid Induction Period, No. 200, Sept., p. 58 (TP184).

R

- Riddell, Helen F.
See Newman, Sanford B., Hammond, Harry K., III, and Riddell, Helen F.
- Rodenberger, H. J.
See Kobliska, J. J., and Rodenberger, H. J.
- Roesli, A., Loewer, A. C., and Eney, W. J.
Machine to Apply Repeated Loads to Large Flexural Members, No. 196, Feb., p. 50 (TP58).
- Rogers, P. L.
Developing a Test Method for Efflorescence of Masonry Mortar, No. 200, Sept., p. 64 (TP190).

- Romualdi, James P., Chang, Chiao-Lin, and Peck, Charles F., Jr.
A Fatigue Testing Machine for Range of Stress, No. 200, Sept., p. 39 (TP165).
- Rowe, Robert S.
Autogenesis, No. 201, Oct., p. 63 (TP225).

S

- Schoch, M. G., Jr.
See Juve, A. E., and Schoch, M. G., Jr.
- Scofield, Francis
Color of Transparent Liquids for Surface Coatings—Symposium on Color of Transparent and Translucent Products, No. 202, Dec., p. 68 (TP254).
- Sinclair, James J., and Griffiths, C. B.
A Method of Measuring the Gehman Stiffness of Rubber Utilizing a Methanol Liquid Bath, No. 200, Sept., p. 56 (TP182).
- Snyder, M. J., Lortscher, L. L., and Beatty, G. H.
Sampling and Paintbrushes, No. 197, Apr., p. 49 (TP77).
- Stiehler, Robert D.
See Decker, George E., and Stiehler, Robert D.
- Stone, Irwin
Color Methods in the Brewing Industry—Symposium on Color of Transparent and Translucent Products, No. 201, Oct., p. 40 (TP202).
- Streicher, M. A.
Results of Cooperative Testing Program for the Evaluation of the Oxalic Acid Etching Test, No. 195, Jan., p. 63 (TP25).
- Stark, H. J.
See Yustein, S. E., Winans, R. R., and Stark, H. J.
- Sutton, R. S.
See LaTour, Harry, and Sutton, R. S.
- Switzer, M. H.
Development of a Hiding Power Test Method—Report of Progress, No. 197, Apr., p. 60 (TP88).

T

- Tarr, Levi
Experiences with Ultrasonic Reflectoscope Inspection of Main Seam Welds of Seven Large Spheres, No. 196, Feb., p. 54 (TP62). Disc., p. 60 (TP68).

- Tatnall, Francis G.
Field Testing Techniques Using the Bonded-Wire Strain Gage, No. 199, July, p. 62 (TP140).
- Thomas, Charles S.
The Department of Defense, No. 197, Apr., p. 10.
- Thompson, R. L.
Correlation of Gamma Radiography and Magnaflex Indications in the Inspection of Large Cast-Steel Connecting Rods, No. 197, Apr., p. 58 (TP86).
- Trump, J. G.
See Goldie, C. H., Wright, K. A., Anson, J. H., Cloud, R. W., and Trump, J. G.
- Tucker, Nancy J.
See Bean, Leonard, and Tucker, Nancy J.
- Tutwiler, T. S.
See Hamer, J. P., Tutwiler, T. S., and Weisel, C. A.

V

- VanValkenburg, H. E.
See Cook, E. G., and VanValkenburg, H. E.

W

- Wakeman, C. M.
See Whiteneck, L. L., Beardsley, C. W., and Wakeman, C. M.
- Watt, J. J.
See Hancock, H. M., and Watt, J. J.
- Weisel, C. A.
See Hamer, J. P., Tutwiler, T. S., and Weisel, C. A.
- Werthan, S.
Beaded Traffic Line Paint, No. 202, Dec., p. 59 (TP245).
- Whiteneck, L. L., Beardsley, C. W., and Wakeman, C. M.
Southern California Corrosion Test Station, No. 199, July, p. 53.
- Winans, R. R.
See Yustein, S. E., Winans, R. R., and Stark, H. J.
- Woodhead, J. A.
See Diaz, R. B., Paitchel, H., and Woodhead, J. A.
- Wright, K. A.
See Goldie, C. H., Wright, K. A., Anson, J. H., Cloud, R. W., and Trump, J. G.
- Yustein, S. E., Winans, R. R., and Stark, H. J.
Three Years' Outdoor Weather Aging of Plastics Under Various Climatological Conditions, No. 196, Feb., p. 29 (TP37).

Subject Index Papers, Reports, and Articles

A

- Aircraft Fuels
heat of combustion and aniline-gravity (Jessup and Cogliano), No. 201, Oct., p. 55 (TP217).
- Asphalt
coatings
thermal shock effects. Disc., No. 199, July, p. 60 (TP138).
- Autogenesis
concrete (Rowe), No. 201, Oct., p. 63 (TP225).

B

- Becker Value
manila rope
photoelectric reflectometry (Newman, Hammond, and Riddell), No. 199, July, p. 84 (TP162).
- Bend Testing
improved scale system (LaTour and Sutton), No. 196, Feb., p. 40 (TP48).

C

- Cement
methods of analysis (Bean and Hackney), No. 197, Apr., p. 43 (TP71).
oxyquinolate determination of magnesium oxide (Bean and Tucker), No. 201, Oct., p. 62 (TP224).
- Cement Mortar
compressive strength
mechanical mixing
proposed method, No. 196, Feb., p. 24.
- Cement Reference Laboratory
25th anniversary, No. 198, May, p. 33.

Chip Resistance paint

- measuring instruments
(Brightwell), No. 200, Sept., p. 53 (TP179).
- Color Symposium
transparent and translucent products, No. 201, Oct. and No. 202, Dec.
agricultural products (Gould, Davis, and Mavis), Dec., p. 61 (TP247).
brewing industry (Stone), Oct., p. 40 (TP202).
dairy products (Keeney), Dec., p. 70 (TP256).
general disc., Dec., p. 71 (TP257).
grading (Ingle), Oct., p. 36 (TP198).
Disc., p. 40 (TP202).
petroleum products (Hancock and Watt), Oct., p. 31 (TP193).
sugar industry (McGinnis), Oct., p. 42 (TP204). Disc., p. 48 (TP210).
summary (Judd), Dec., p. 72 (TP258).
surface coatings (Scofield), Dec., p. 68 (TP254).

Compression cement

- mechanical mixing
proposed method, No. 196, Feb., p. 24.
- Swedish fir (Norén) No. 202, Dec., p. 43 (TP229).

Concrete autogenesis (Rowe), No. 201, Oct., p. 63 (TP225).

Corrosion

- southern California test sites (Whiteneck, Beardsley, and Wakeman), No. 199, July, p. 53.

D

- Defense
department
address by Ass't. Secretary of Defense
No. 197, Apr., p. 10.
- standardization of supplies, No. 200, Sept., p. 19.
- Deformation Rate
Swedish fir (Norén), No. 202, Dec., p. 43 (TP229).
- De-icing Solutions
chemical evaluation (Berger), No. 197, Apr., p. 67 (TP95).
- Die Castings
analytical study, No. 196, Feb., p. 61 (TP69).
- Dielectric Constants
errors in measurement (Field), No. 201, Oct., p. 30.
- Distillation
four piece steamer (Antelman), No. 197, Apr., p. 66 (TP94).

E

- Efflorescence
masonry mortar (Rogers), No. 200, Sept., p. 64 (TP190).
- Elastomer
hardness testing at low temperatures (Labbe), No. 199, July, p. 73 (TP151).
stiffness testing at low temperatures (Conant), No. 199, July, p. 67 (TP145).
vulcanizates
effect of temperature (Juve and Schoch), No. 195, Jan., p. 54 (TP16).

Etching, Electrolytic
steel, stainless, No. 195, Jan. (Streicher),
p. 63 (TP25); (Beck, Greene, and
Fontana), p. 68 (TP30); (Jackson and
Luce), p. 71 (TP33).
Exhibit
testing apparatus, No. 198, May, p. 9;
No. 199, July, p. 5.

F

Fatigue
testing machine
range of stress (Romualdi, Chang, and
Peck), No. 200, Sept., p. 39 (TP165).
Filler Metals
stainless steel
welding rod specifications, No. 198,
May, p. 77 (TP123).
Fineness
wet sieve method (Kobliska and Roden-
berger), No. 200, Sept., p. 46 (TP172).
Flexure
repeated load machine (Roesli, Loewer,
and Eney), No. 196, Feb., p. 50 (TP58).
Forging Ingots
ultrasonic testing (Hafemeister), No. 197,
Apr., p. 52 (TP80).
Fuels
aircraft
test of combustion and aniline-gravity
(Jessup and Cogliano), No. 201, Oct.,
p. 55 (TP217).

G

Gasoline
stability
correlation of induction tests (Donahue),
No. 200, Sept., p. 61 (TP187).
induction period (Power), No. 200, Sept.,
p. 58 (TP184).
Gypsum Plaster
setting of. Disc., No. 195, Jan., p. 52
(TP14).

H

Headquarters
new addition, No. 200, Sept., p. 26.
Hiding Power
paints (Switzer), No. 197, Apr., p. 60
(TP88).
High Temperature
plastics testing (Klute and McKee),
No. 202, Dec., p. 50 (TP236).

I

Impact
test
sheet metals (Muhlenbruch), No. 196,
Feb., p. 43 (TP51). Disc., p. 49
(TP57).
tester
textiles (Dickson and Davieau), No.
198, May, p. 85 (TP131).
Insulating Materials
impact machine (Burns), No. 195, Jan., p.
61 (TP23).

L

Low Temperature
hardness testing elastomers (Labbe), No.
199, July, p. 73 (TP151).
plastics testing (Klute and McKee),
No. 202, Dec., p. 50 (TP236).
stiffness testing elastomers (Conant),
No. 199, July, p. 67 (TP145).
Lubrication
symposium on engine design effects, No.
198, May.
bearing wear (Junge), p. 64 (TP110).
oil requirements (Hamer, Tutwiler, and
Weisel), p. 70 (TP116).
wear (Mougey), p. 57 (TP103).

M

Magnetic Testing
steel connecting rods
gamma ray and magnafux (Thompson),
No. 197, Apr., p. 58 (TP86).
Meetings
1954 Annual Meeting, No. 195, Jan., p.
20; No. 196, Feb., p. 10; No. 197, Apr.,
p. 5; No. 198, May, p. 5; No. 199, July,
p. 5, 14.
provisional program, No. 198, May, p.
16.

1954 committee week, No. 195, Jan., p. 5;
No. 196, Feb., p. 5; No. 197, Apr., p. 10.
district meetings, No. 195, Jan., p. 24;
No. 198, May, p. 37; No. 199, July,
p. 48; No. 200, Sept., p. 29.
1956 West Coast Meeting, No. 200, Sept.,
p. 28.

Membership
25-yr members, No. 195, Jan., p. 29.
Mortar
efflorescence testing (Rogers), No. 200,
Sept., p. 64 (TP190).
Motor Oil, see Oil, motor.

N

National Bureau of Standards
evaluation and battery additives reports
No. 195, Jan., p. 34.
Non-Destructive Testing
correlation of Betatron (Norris), No. 197,
Apr., p. 56 (TP84).
forging ingots (Hafemeister), No. 197,
Apr., p. 52 (TP80).
steel connecting rods
gamma ray and magnafux (Thompson),
No. 197, Apr., p. 58 (TP86).
ultrasonic frequency (Cook and Van-
Valkenburg), No. 198, May, p. 81
(TP127).
X-ray in 2 and 6 million volts (Goldie,
Wright, Anson, Cloud, and Trump),
No. 201, Oct., p. 49 (TP211).

O

Oil
lubricating requirements in engines
(Hamer, Tutwiler, and Weisel), No. 198,
May, p. 70 (TP116). Disc., p. 76
(TP122).
motor
viscosity (Foreman). Disc., No. 200,
Sept., p. 55 (TP181).
Oxyquinolate
magnesium oxide determination in cement
(Bean and Tucker), No. 201, Oct., p. 62
(TP224).

P

Paint
beaded traffic (Werthan), No. 202, Dec., p.
59 (TP245).
chip resistance measurement (Brightwell),
No. 200, Sept., p. 53 (TP179).
hiding power test (Switzer), No. 197, Apr.,
p. 60 (TP88).
Paintbrushes
sampling (Lortscher, Snyder, and Beatty),
No. 197, Apr., p. 49 (TP77).
Petroleum Products
distillation apparatus (Myers and
Kiguchi), No. 195, Jan., p. 39 (TP1).
Plastics
high and low temperatures (Klute and
McKee), No. 202, Dec., p. 50 (TP236).
impact machine (Burns), No. 195, Jan.,
p. 61 (TP23).
weathering (Yustein, Winans, and Stark),
No. 196, Feb., p. 29 (TP37). Disc., p.
38 (TP46).
Porcelain Enamel
adherence to metals (O'Bannon) abstract,
No. 200, Sept., p. 36.
gas evolution effects (Sweo) abstract, No.
200, Sept., p. 36.
President's Talks
additives (Beard), No. 198, May, p. 51
(TP97).
annual address (Beard), No. 199, July, p.
59 (TP137).
Proposed Methods
cement mortar
compressive strength
mechanical mixing, No. 196, Feb., p.
24.
waxed surfaces
dynamic coefficient of friction No. 196,
Feb., p. 21.
static coefficient of friction, No. 196,
Feb., p. 20.
wax polishes
additives, No. 197, Apr. p. 38.
index of refraction, No. 197, Apr., p. 39.
Provisional Program
1954 Annual Meeting, No. 198, May, p. 16.

Publications

new ASTM publications, No. 195, Jan.,
p. 6; No. 196, Feb., p. 8; No. 197,
Apr., p. 8; No. 198, May, p. 32; No.
199, July, p. 42, 45; No. 200, Sept.,
p. 21; No. 201, Oct., p. 5; No. 202,
Dec., p. 11.

R

Radiography
correlation of Betatron (Norris), No. 197,
Apr., p. 56 (TP84).
steel connecting rods
gamma ray and magnafux (Thompson),
No. 197, Apr., p. 58 (TP86).
X-rays in 2 and 6 million volts (Goldie,
Wright, Anson, Cloud, and Trump),
No. 201, Oct., p. 49 (TP211).
Random Samples, No. 197, Apr., p. 41; No.
199, July, p. 55; No. 200, Sept., p. 37;
No. 201, Oct., p. 26; No. 202, Dec., p. 38.
Reflectance
detergency of fabrics (Diaz, Paitchel, and
Woodhead), No. 202, Dec., p. 56
(TP242).
Reflectoscope Inspection
seam welds (Tarr), No. 196, Feb., p. 54
(TP62). Disc., p. 60 (TP68).
Research
ASTM research committee, No. 196, Feb.,
p. 15.
ASTM wood pole, No. 197, Apr., p. 36.
National Research Council, No. 196, Feb.,
p. 18.
review, No. 195, Jan., p. 7.
unsolved problems, No. 196, Feb., p. 19.
Resources
future U. S., No. 195, Jan., p. 36.
Rope, Manila
Becker value by photoelectric reflecto-
metry (Newman, Hammond, and Rid-
dell), No. 199, July, p. 84 (TP162).
Rubber
Gehman stiffness (Sinclair and Griffis),
No. 200, Sept., p. 56 (TP182).
vulcanizates
effect of temperature (Juve and Schoch),
No. 195, Jan., p. 54 (TP16).

S

Sample procedure
paintbrushes (Lortscher, Snyder, and
Beatty), No. 197, Apr. p. 49 (TP 77)
Sandwich Construction
tester for analysis of stress (Ericksen),
No. 199, July, p. 80 (TP158).
Standardization
actions on standards, No. 195, Jan., p. 7,
18; No. 196, Feb., p. 7; No. 197, Apr.,
p. 9; No. 198, May, p. 31; No. 199,
July, p. 39, 41; No. 200, Sept., p. 5;
No. 201, Oct., p. 13; No. 202, Dec., p. 7.
dept. of commerce clarification, No.
201, Oct., p. 13.
federal government commodity (MacLeod),
No. 202, Dec., p. 13.
Statistical Methods
application of statistical techniques (Bick-
ing), No. 200, Sept., p. 48 (TP174).
application to ASTM standards (Bicking),
No. 200, Sept., p. 48 (TP174).
Steel
stainless
electrolytic etching, No. 195, Jan.
(Streicher), p. 63 (TP25); (Beck,
Greene, and Fontana), p. 68 (TP30);
(Jackson and Luce), p. 71 (TP33).
molybdenum-bearing for use in chemical
and process industry (Myers), No. 201,
Oct., p. 28.
welding rods specifications, No. 198,
May, p. 77 (TP123).
Stiffness
rubber (Sinclair and Griffis), No. 200,
Sept., p. 56 (TP182).
test
improved scale system (LaTour and
Sutton), No. 196, Feb., p. 40 (TP48).
Strain Gage
testing techniques (Tatnall), No. 199,
July, p. 62 (TP140).
Stress Analysis
sandwich proof tester (Ericksen), No. 199,
July, p. 80 (TP158).
Surface Waves
ultrasonic frequencies (Cook and Van-
Valkenburg), No. 198, May, p. 81.
(TP127).

T

Technical Committee Notes, No. 195, Jan., p. 7, 26; No. 197, Apr., p. 16; No. 198, May, p. 43; No. 199, July, p. 50; No. 201, Oct., p. 18; No. 202, Dec., p. 25.

Technical Personnel

professional development of technical men (Pigott), No. 202, Dec. p. 40.
responsibility of engineer to profession (Larkin), No. 202, Dec., p. 42.

Temperature effect

air aging of rubber vulcanizates (Juve and Schoch), No. 195, Jan., p. 54 (TP16).

measurement

Mooney viscometer (Decker and Stiehler), No. 195, Jan., p. 45 (TP7).
(Decker), No. 195, Jan., p. 51 (TP13).

Tension

impact test

sheet metals (Muhlenbruch), No. 196, Feb., p. 43 (TP51). Disc., p. 49 (TP57).

test specimens

in testing machine (Krenchel), No. 200, Sept., p. 44 (TP170).
made by photoengraving technique (Dowdell and Mackay), No. 201, Oct., p. 65 (TP227).

Testing Apparatus

fatigue

range of stress (Romualdi, Chang, and Peck), No. 200, Sept., p. 39 (TP165).

flexural

repeated loads (Roesli, Loewer, and Eney), No. 196, Feb., p. 50 (TP58).

four piece steamer (Antelman), No. 197, Apr., p. 66 (TP94).

impact for textiles (Dickson and Davieau), No. 198, May, p. 85 (TP131).

sandwich proof tester

analysis of stress (Ericksen), No. 199, July, p. 80 (TP158).

stiffness

improved scale system (LaTour and Sutton), No. 196, Feb., p. 40, (TP48).

tension test specimens (Krenchel), No. 200, Sept., p. 44 (TP170).

vacuum distillations (Myers and Kiguchi), No. 195, Jan., p. 39 (TP1).

Testing Techniques

bonded wire strain gage (Tatnall), No. 199, July, p. 62 (TP 140).

Textiles

impact tester (Dickson and Davieau), No. 198, May, p. 85 (TP131).

Thermal Insulating Materials

temperature measurement

Mooney viscometer (Decker and Stiehler), No. 195, Jan., p. 45 (TP7).
(Decker), No. 195, Jan., p. 51 (TP13).

MCA Issues Revised Butadiene Safety Data Sheet

A REVISED safety data sheet on butadiene, a chemical widely used in the manufacture of rubber products, is now available from the Manufacturing Chemists' Association.

Chemical Safety Data Sheet SD-55, covering the properties and essential information for the safe handling and use of butadiene, has been revised to include more up-to-date and complete information. In the interest of safe handling of this material, a number of important changes have been made in the sections relating to personal protective equipment and general handling procedures.

Copies may be obtained from the Manufacturing Chemists' Assn., 1625 Eye St., N. W., Washington 6, D. C.

Thermal Shock effect

durability of asphalt coatings. Disc., No. 199, July, p. 60 (TP138).

Timber

Swedish fir

compressive strength and rate of shear (Norén), No. 202, Dec., p. 43 (TP229).

U

Ultrasonic Testing

forging ingots (Hafemeister), No. 197, Apr., p. 52 (TP80).

V

Viscosity

motor oil (Foreman). Disc., No. 200, Sept., p. 55 (TP181).

W

Warwick Memorial

tributes, No. 199, July, Part 2.

Wax Polishes

Additives

proposed methods, No. 197, Apr., p. 38.
dynamic coefficient of friction

proposed methods, No. 196, Feb., p. 21.
index of refraction

proposed methods, No. 197, Apr., p. 39.
static coefficient of friction

proposed methods, No. 196, Feb., p. 20.

Wear

bearings (Junge), No. 198, May, p. 64 (TP110).

engine

lubricant effect (Mougey), No. 198, May, p. 57 (TP103).

Weathering

plastics (Yustein, Winans, and Stark), No. 196, Feb., p. 29 (TP37). Disc., p. 38 (TP46).

Welding Rods

stainless steel specifications, No. 198, May, p. 77 (TP123).

Welds

ultrasonic reflectoscope inspection (Tarr), No. 196, Feb., p. 54 (TP62). Disc., p. 60 (TP68).

Wood

pole

research program, No. 197, Apr., p. 36.

Swedish fir

compressive strength and rate of shear (Norén), No. 202, Dec., p. 43 (TP229).

X

X-ray Testing

correlation of Betatron (Norris), No. 197, Apr., p. 56 (TP84).

Calendar of Other Societies' Events

"Long" and "short" calendars will appear in alternate BULLETINS. The "short" calendar notes meetings in the few immediate weeks ahead—the "long" calendar for months ahead.

NATIONAL READY MIXED CONCRETE ASSOCIATION—January 9-13, Silver Anniversary Convention, Miami, Fla.

SOCIETY OF AUTOMOTIVE ENGINEERS, INC.—January 10-14, Annual Meeting, Sheraton-Cadillac Hotel, Detroit, Mich.

AMERICAN INSTITUTE OF CONSULTING ENGINEERS—January 17, 1955, Annual Meeting, New York, N. Y.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS—January 17-19, Hotel Statler, Washington, D. C.

AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS—January 24-27, 61st Annual Meeting, Commercial Museum and Bellevue-Stratford, Philadelphia, Pa.

NATIONAL CONCRETE MASONRY ASSOCIATION—January 24-27, Convention and Exposition, Cleveland Auditorium, Cleveland, Ohio.

INSTITUTE OF THE AERONAUTICAL SCIENCES—January 24-28, 23rd Annual Meeting, Hotel Astor, New York, N. Y.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS—January 31-February 4, Winter Meeting, Hotel Statler, New York, N. Y.

American Society for Testing Materials—January 31-February 4, Committee Week, Netherland-Plaza Hotel, Cincinnati, Ohio.

NATIONAL CRUSHED STONE ASSOCIATION—February 7-9, Annual Convention, Netherland-Plaza Hotel, Cincinnati, Ohio.

SOCIETY OF THE PLASTICS INDUSTRY, INC.—February 8-10, Annual SPI Reinforced Plastics Div. Conf., Hotel Statler, Los Angeles, Calif.

AMERICAN INSTITUTE OF MINING AND METALLURGICAL ENGINEERS—February 13-17, Annual Meeting, Conrad Hilton Hotel, Chicago, Ill.

AMERICAN CONCRETE INSTITUTE—February 21-24, Annual Meeting, Hotel Schroeder, Milwaukee, Wis.

TECHNICAL ASSOCIATION OF THE PULP AND PAPER INDUSTRY (TAPPI)—February 21-24, Commodore Hotel, New York, N. Y.

SOCIETY OF PLASTICS OF CANADA, INC.—February 22-23, Annual SPI Canadian Conference, Hotel London, London, Ont., Canada.

AMERICAN CHEMICAL SOCIETY AND SPECTROSCOPY SOCIETY OF PITTSBURGH—February 28-March 4, William Penn Hotel, Pittsburgh, Pa.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS—March 1-3, Hotel Statler, Los Angeles, Calif.

SOCIETY OF AUTOMOTIVE ENGINEERS, INC.—March 1-3, Sheraton-Cadillac Hotel, Detroit, Mich.

NATIONAL ASSOCIATION OF CORROSION ENGINEERS—March 7-11, 11th Annual Conference Exhibition, Palmer House, Chicago, Ill.

SOCIETY OF AUTOMOTIVE ENGINEERS, INC.—March 14-16, Meeting and Forum, Netherland-Plaza Hotel, Cincinnati, Ohio.

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS—March 20-23, Kentucky Hotel, Louisville, Ky.

AMERICAN SOCIETY FOR METALS—March 28-April 1, 9th Western Metal Congress & Exposition, Pan-Pacific Auditorium, Los Angeles, Calif.

AMERICAN CHEMICAL SOCIETY—March 29-April 7, National Meeting, Cincinnati, Ohio.

SOCIETY OF THE PLASTICS INDUSTRY, INC.—April 13-15, SPI Pacific Coast Section Conference, Palm Springs, Calif.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS—April 18-21, Spring Meeting, Baltimore, Md.

Carey Retires from ASCE, Succeeded by W. H. Wisely

WILLIAM N. CAREY, Executive Secretary of the American Society of Civil Engineers, oldest national organization of engineers in the country, will retire May 1, 1955. Colonel Carey, former Chief Engineer of the Federal Works Agency and former City Engineer of St. Paul and distinguished in many fields of civil engineering, will become Secretary Emeritus. He will be succeeded by William H. Wisely, of Champaign, Ill., at present Executive Secretary of the Federation of Sewage and Industrial Wastes Associations and editor of its publication, *Sewage and Industrial Wastes*. Mr. Wisely will come to New York January 1 as Associate Secretary.

Events

appear
short"
imme-
endar

Asso-
Anni-

INC.—
eration-

Engr-
Meet-

Engr-
Statler,

VENTI-
27, 61st
Museum
ia, Pa.
ssocia-
on and
Cleve-

L. Scr-
Annual
N. Y.

Engr-
Winter
N. Y.

erials—
Week,
i, Ohio.

TION—
Nether-
o.

INC.—
nforced
er, Los

AND
bruary
Hilton

bruary
roeder,

LP AND
ary 21-
N. Y.

INC.—
nadian
Ont.,

SPEC-
URGH—
Penn

Engr-
r, Los

INC.—
Hotel,

Engr-
Con-
Chi-

INC.—
Forum,
Ohio.

Engr-
Hotel,

March
gress &
n, Los

ch 29-
innati,

INC.—
Section

Engr-
eeting.

1954